

POZDNYAKOV, YA V., FIRSTOV, A.A.

Arctic Fox

Effect of feeding schedule on digestion of the arctic fox. *Kar. i zver. 5* No. 2, 1952.

Monthly List of Russian Accessions, Library of Congress, June 1952. Unclassified.

POZDNYAKOV, YE. V.

Arctic Fox

Milk production of blue fox vixens. Kar. i zver. 5 No. 4, 1952.

9. Monthly List of Russian Accessions, Library of Congress, December 195~~2~~¹, Uncl.

POZDNYAKOV, Ye. B.

Dissertation: "Biological Characteristics in the Metabolism of Fur-Bearing Animals (Canidae Family)." Dr Agr Sci, All-Union Sci Res Inst of Animal Husbandry, Moscow, 1954. (Referativnyy Zhurnal--Khimiya, Moscow, No 9, May 54)

SO: SUM 318, 23 Dec 1954

USSR / Farm Animals. Wild Animals.

Q-5

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12162

Author : Pozdnyakov Ye. V.

Inst :

Title : Peculiarities in the Development of the Young Generation of the Blue Arctic Fox (Osobennosti v razvitii molodnyaka golubykh pestsov)

Orig Pub: Tr. Mosk. vet. akad., 1957, 16, 37-45

Abstract: The observations made at the Kol'skiy (Kola) state farm for the breeding of wild animals showed that blue Arctic foxes grow most intensively during the first 2 months of their life, which is conditioned by the high milkiness of the females and the high nutritiousness of their milk. On the average, the females secreted about 419 g. of milk daily (12% of their live weight). In the milk, 30.06% of dry

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USSR / Farm Animals. Wild Animals.

Q-5

Abs Jour: Ref Zhur-Biol., No 3, 1958, 12162

Abstract: substance, 11.07% of fat, 14.34% of protein, and 2.92% of sugar was found. The average daily increase in weight in males and females was (in g.): during the first month of life 19.1, 20.4; in the second month 37.3, 36.1; in the third month 34.6, 33.3; in the fourth month 30.3, 26.8; in the fifth month 17.1, 17.0; in the sixth month 15.6, 13.5; and in the seventh month 12.3, 10.0. The growth of the Arctic fox ends at the age of 6 months; further increase in weight is associated with accumulation of reserve fat.

Card 2/2

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LYSENKO, T.D.; PAPANIN, I.D.; POZDNYAKOV, Ye.V.; VARUNTSYAN, I.S.;
PREZENT, I.I.; LEPIKHIN, A.V.; GRIBANOV, R.N.; YUDIN, V.M.;
GERCHIKOV, N.P.; KORYAZHNOV, V.P.; VSYAKIKH, A.S.; IL'INA, Ye.D.

In memory of Petr Aleksandrovich Manteifel'. Agrobiologiya
no. 3:453-454 My-Je '60. (MIRA 13:12)
(Manteifel', Petr Aleksandrovich, 1882-1960)

LATYPOV, A.Sh., kandidat tekhnicheskikh nauk; POZDNYAKOV, Yu., inzhener.

P-5-35M plow for subtilling according to the method of T.S.Mal'tsev.

Sel'khoz mashina no.11:13-15 N '55.

(MLRA 9:1)

(Plows)

POZDNYAKOV, Yu.F.

Distribution of bonito larvae in the southern and southeastern parts of the Barents Sea. Trudy MMBI no.4:134-145 '62.
(MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova)
Murmanskogo morskogo biologicheskogo instituta.
(Barents Sea—Bonito)

MIRONOVA, N.V.; TSEYEB, R.Ya.; GERASIMOV, V.V.; POZDNYAKOV, Yu.F.;
CHINARINA, A.D.; BELOVA, A.V.

Distribution and some biological characteristics of commercial
fishes in the littoral area of the Murman Coast in 1957.
Trudy MMBI no.4:162-173 '62. (MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova)
Murmanskogo morskogo biologicheskogo instituta.
(Barents Sea--Fishes)

MIRONOVA, N.V.; TSEYEB, R.Ya.; GERASIMOV, V.V.; POZDNYAKOV, Yu.F.;
CHINARINA, A.D.; TARVERDIYEVA, M.I.; BELOVA, A.V.

Distribution and some biological characteristics of commercial
fishes in the littoral area of the Murman Coast in 1958.
Trudy MMBI no.4:174-185 '62. (MIRA 15:11)

1. Laboratoriya ikhtiologii (zav. - N.V. Mironova)
Murmanskogo morskogo biologicheskogo instituta.
(Barents Sea--Fishes)

POZDNIAROV, Yu.F.

Materials on the development of bonito in the Barents Sea. Truly
KGBI no.2:211-2.5 '60. (MI A 14:2)

(Barents Sea--Bonito)

POZDNYAKOV, Yu.F.

Spawning of the capelin in the aquarium. Izv.Kar.i Kol'.fil.AN
SSSR no.3:145-147 '59. (MIRA 13:4)

1. Murmanskii morskoy biologicheskiy institut Kol'skogo filiala
AN SSSR.
(Smelts)

POZDNYAKOV, Yu.F.

Fertility of *Mallotus villosus* in the Barents Sea. Dokl. AN SSSR
112 no.4:777-778 F '57. (MLRA 10:4)

1. Murmanskaya biologicheskaya stantsiya Kol'skogo filiala im
S.M. Kirova. Akademii nauk SSSR. Predstavleno akademikom Ye.N
Pavlovskim.

(Barents Sea--Argentinidae)

POZDNYAKOV, Yu.I., Assistant

Efficient distribution of intermediate products in the conveyor
cells during the finishing processing of stiff leather. Nauch.
trudy MTIIP no.28:44-50 '63. (MIRA 17:11)

1. Kafedra organizatsii proizvodstva i ekonomiki legkoy
promyshlennosti Moskovskogo tekhnologicheskogo instituta
legkoy promyshlennosti.

POZDNYAKOV, Z.G., kand. tekhn. nauk; ROMADINOV, A.I., inzh.

Safety measures in mechanized charging of explosives. Bezop. truda
v prom. 8 no.10:10-12 0 '64. (MIRA 17:11)

POZDNYAKOV, Z.G., kand.techn.nauk

Prevention of compacting of ammonium nitrate explosives. Vzryv.
delo no.45:91-100 '60. (MIRA 14:1)
(Explosives)

POZDNYAKOV, Z.G., kand.tekhn.nauk

Effect of the type of sealing on the airtightness of ammonia
nitrate charges. Vzryv. delo no.45:201-209 '60. (MIRA 14:1)
(Blasting)

POZDNYAKOV, Z.G., kand.tekhn.nauk

Efficient use and prospects for the production of certain recently
developed industrial explosives. Vzryv.delo no.44/1:5-11 '60.
(MIRA 13:7)

(Explosives)

PAVLOVSKIY, L.G., kand.tekhn.nauk; POZDNYAKOV, Z.G., kand.tekhn.nauk

Results of industrial testing of the low-hygroscopicity explosive,
"noritol." Vzryv.delo no.44/1:58-64 '60. (MIRA 13:7)
(Explosives--Testing)

I. 26709-65

ACCESSION NR: AR3010296

S/0081/63/000/012/0568/0568

SOURCE: RZh. Khimiya, Abs. 12N406

AUTHOR: Pozdnyakov, Z. G.

TITLE: Increasing the stability of industrial explosives

CITED SOURCE: Sb. Burovzry*vn. raboty* v gorn. prom-sti. M. Gosgortekhnizdat., 1962, 75-88

TOPIC TAGS: explosive stability, industrial explosive, granulated explosive, caking, wetting, granulated saltpeter

TRANSLATION: The following measures are recommended to prevent caking and wetting of finely dispersed explosives: they should be prepared only from brand ZhV water-resistant saltpeter; cooling of the explosives before dispersion should be extended to all factories; and the new types of hermetic packing should be more widely used. For work in open locations, the rapidly caking ammonities No. 6, V-3, etc. should be replaced by the non-caking, cheaper and more convenient granulated explosives. In order to improve the quality of granulated explosives, the author recommends that granulated saltpeter be treated with dye additives

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L 20709-65

ACCESSION NR: AR3010296

(0.05%) and surface-active substances, and then cooled in order to prevent caking. A number of compositions for both granulated and lumpy explosives are recommended for work in open sites on both dry and wet faces. B. Lur'ye

SUB CODE: WA

ENCL: 00

Card 2/2

POZDNYAKOV, Z. S.

✓ Determination of the water resistance of hydrophobic powders and pressed, porous materials, and apparatus for testing it. Z. O. Pozdnyakov. U.S.S.R. 108,129, Oct. 28, 1957. A sample is subjected to the pressure exerted by a hydrodynamic column. The pressure is increased at a constant rate until the 1st drop of moisture appears on the surface of the sample. M. Hosh

POZDNYAKOV, Z.G., kand.tekhn.nauk

Readers' response to V.A. Margolin's article "Measures for a
drastic cut of anthracite culms in the Donets Basin." Ugl.
35 no.2:59 F '60. (MIRA 13:5)
(Margolin, V.A.) (Donets Basin--Anthracite coal)

POZDNYAKOV, Z.G.

Using granulite and "zernogranulit" in strip mines. Vzryv.
delo no.55/12:81-92 '64. (MIRA 17:10)

1. Mezhdovedomstvennaya komissiya po vzryvnomu delu.

ACC NR: AP6029969 (A) SOURCE CODE: UR/0413/66/000/015/0161/0161

INVENTOR: Fomenko, L. A.; Bashirov, R. Z.; Komissarov, A. M.; Vasilenko, P. F.; Drozdo, S. F.; Serdyuk, T. I.; Artamonov, B. F.; Pozdnyakov, Z. G. 38 B

ORG: none

TITLE: Unit for the continuous production of granulated ammonium nitrate¹¹ based commercial explosives. Class 78, No. 184675

SOURCE: Izobret prom obraz tov zn, no. 15, 1966, 161

TOPIC TAGS: commercial explosive, ammonium nitrate, *EXPLOSIVE, CONTINUOUS PRODUCTION UNIT, CHEMICAL PLANT EQUIPMENT*

ABSTRACT: A commercial unit for the continuous production of granulated ammonium nitrate based commercial explosives consists of crushing and screening sections, a suspended screw conveyor dosage system with synchronized operations, a mixing drum, a semiautomatic device for weighing and packing the product, and a remote control system. In order to use this unit for the production of multicomponent explosives, e.g., a three-component explosive, and to improve the quality of mixing, a pipe-line from a wheel-pump is connected to the screw conveyor for feeding the liquid component into the conveyor; the feed bin of the suspended conveyor dosage system is connected to a pneumatic conveyor which supplies the powdered component, and the mixing drum is connected to a tubular pneumovibrator. To provide the crushing of the laminated trotyl during the transportation in the pneumatic line described above, the

UDC: 662.22

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I. 43756-66

ACC NR: AP6029969

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pneumatic conveyor system is made with elbowed turns, e.g., 90°, and the transportation proceeds at a velocity of 5 m/sec under 3 atm pressure. To supply the liquid component in the required amount, the wheel pump is equipped with a speed regulator connected to the suspended conveyor dosage system for synchronized operation. To prevent dust from the powder component and to remove the static electricity, the pneumatic conveyor system has a cyclone-precipitator, equipped with a valve for the automatic discharge of the precipitate from the cyclone into the feed bin, and the flexible powder-supply line is equipped with a current collector. [PS]

SUB CODE: 19/ SUBM DATE: 16Nov64/ ATD PRESS: 5074

Cord 2/2 blg

VOLYNETS, Aleksandr Potapovich; MASHTAKOV, Sergey Mikhaylovich;
POZDNYAKOVA, A., red.

[Effect of 2M-4KH and 2, 4-D herbicides on fiber flax
varieties] Deistvie gerbitsidov 2M-4KH i 2,4-D na sorta
L'na-dolguntsa. Minsk, Nauka i tekhnika, 1965. 70 p.
(MIRA 18:12)

2. Zingakova, A. A.

1732 Some examples of the use of the enforced drop electrode. T. V. Arifova and A. A. Zingakova. Zh. Anal. Khim. 1956, 31(1), 338-344. Ref. Zh. Khim. 1956, Abstr. No. 25,921. The ratio between the diffusion current i_d of waves from an ordinary electrode (OE) and an electrode with enforced drop-formation (ED) is equal to $\sqrt{t/t'}$, where t is the period of drop formation of OE, and t' is the period of drop formation of ED. The current i_d flowing through ED with $t' = 0.2$ to 0.25 sec. is proportional to the concn. of Pb on a background of 3 N HCl, and to the concn. of Ge on a background of 6 N HCl. This proportionality is destroyed at concn. of Ge and Pb of < 5 mg per litre, probably because of the influence of the large residual current at such low concn. On this basis, the authors affirm that ED has no advantages over OE in the determination of small concn. of metals, but has a great practical significance in the determination of electronegative metals in the presence of a larger quantity of more electropositive metals. A method

has been developed for the determination of non-ferrous metals in ores and their products (copper cakes, cadmium sponge, cadmium sulphide, nickel electrolytes, metallic Cd, soln. of sulphates), e.g., the determination of Zn, Ni and Cd in the presence of a large quantity of Cu; of Zn and Ni in the presence of a large quantity of Cd; and of Zn in the presence of a large quantity of Ni. To 1 g of the

Chem

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Арефьева, Т. В. + Поадриноква, А. А.

finely ground material or an aliquot of the electrolyte add 25 ml of dil. HCl (2:1) and boil for 20 to 25 min. To determine Ni, crack the sample with a mixture of HCl, HNO₃, and H₂SO₄, and heat to fumes of SO₃. Then add 10 drops of 6% H₂O₂ soln. and boil for a further 3 to 5 min. Cool and add aq. NH₃ till Fe(OH)₃ is formed, then add 10 ml in excess. Make up to 100 ml and mix. To about 20 ml in a beaker add Na₂SO₄ (0.5 to 0.7 g) and a 1% soln. of carpenter's glue (five drops), and take a reading on the polarograph. The necessary rate of drop formation (ten drops in 2-5 to 3 sec.) is achieved by regulation of the gap between the capillary and the blade.

C. D. KOPKIN

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2/2

POZDNYAKOVA, A.A.

Polarographic behavior of rhenium in acid and neutral media.
Sbor. nauch. trud. Gintsvetmeta no.19:694-705 '62.

(MIRA 16:7)

(Rhenium) (Polarography)

AREF'YEVA, T.V.; POZDNYAKOVA, A.A.

Using solid electrodes for the polarographic determination of
thallium, lead, and indium. Sbor. nauch. trud. Gintsvetmeta
no.18:69-82 '61. (MIRA 16:7)

(Polarography) (Amalgams)

L 15684-63

EMP(q)/EWT(m)/BDS AFFTC/ASD JD

ACCESSION NR: AR3003589

S/0081/63/000/008/0174/0174

SOURCE: RZh. Khimiya, Abs. 8D51

AUTHOR: Aref'yeva, T. V., Pozdnyakova, A. A.

TITLE: The use of solid electrodes for the polarographic determination of thallium, lead, and indium

CITED SOURCE: Sb. nauchn. tr. Gos. n.-i. in-t tsvetn. met., no. 18, 1961, 69-82

TOPIC TAGS: polarography, Tl ion, Pb ion, In ion, solid electrodes

TRANSLATION: A study was made of the polarographic behavior of Tl sup +, Pb sup 2+, and In sup 3+ on rotating Pt and amalgamated Pt- and Ag-electrodes, on a collector electrode (i.e. several stationary electrodes which are connected alternately) and on a submerged electrode according to Ye. M. Skobts. The best results with respect to sensitivity were obtained with the rotating amalgamated Ag electrode. The minimum concentration of Tl sup + was 0.5mg/l., and of Pb sup 2+ and In sup 2+ were 2mg/l. The Pt electrode can be restored electrochemically, chemically, and mechanically, that of amalgamated Pt electrochemically and chemically, while that of amalgamated Ag only electrochemically. S. Zhdanov

Card 1/2

SOV/137-58-8-18154

Translation from: Referativnyy zhurnal, Metallurgiya, 1958, Nr 6, p 278 (USSR)

AUTHORS: Aref'yeva, T. V., Pozdnyakova, A. A.

TITLE: Determination of Copper, Cadmium, Nickel, Zinc, Tin, and Antimony in Metallic Titanium by the Polarographic Method (Opredeleniye medi, kadmiya, nikelya, tsinka, olova i sur'my v metallicheskom titane polyarograficheskim metodom)

PERIODICAL: Sb. nauchn. tr. Gos. n-i. in-t tsvetn. met. 1958, Nr 14, pp 67-73

ABSTRACT: For the polarographic determination of admixtures of Cu, Cd, Ni, Zn, Sn, and Sb in metallic Ti they are first separated from Ti by concentration. The method for the separation and concentration of Cu, Cd, Ni, and Zn is based on the formation in an aqueous solution at pH 3 of insoluble diethyldithio carbamates (D) of the metals to be determined and on their extraction with ethyl acetate. Then the dissolved D are decomposed by treating the ethylacetate layer by a mixture of HNO_3 with H_2O_2 . The resulting aqueous solution is evaporated with H_2SO_4 to the formation of SO_3 fumes, after which Cu, Cd, Ni, and Zn are determined polarographically on a background of $\text{NH}_4\text{OH} - (\text{NH}_4)_2\text{SO}_4$

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SOV/137-58-8-18154

Determination of Copper, Cadmium, Nickel, Zinc, Tin, (cont.)

with addition of Na_2SO_3 and a solution of carpenter's glue. Sn and Sb are separated from Ti and Pb admixtures by distilling in the form of bromides; then, for the purpose of concentration, the hydroxides of Sn and Sb are precipitated by ammonia together with $\text{Fe}(\text{OH})_3$, and the precipitate is dissolved in a minimum amount of HCl . Sn and Sb are determined polarographically on a background of 6N HCl following the reduction of Fe^{3+} by ascorbic acid. Accurate results can be obtained at ≥ 1 mg/cc concentration of Cu, Cd, Ni, and Zn and at $\geq 2 - 4$ mg/cc of Sn and Sb in the solution being read polarographically. The reproducibility of the results equals 20 - 25%.

N. G.

1. Titanium--Polarographic analysis
2. Metals--Determination

Card 2/2

SIDNEVA, K.M., kand.tekhn.nauk; FEDOROVA, M.A., mladshiy nauchnyy sotrudnik;
POZDNYAKOVA, A.A., inzh.

New dyes for dyeing and printing pure silk fabrics. Tekst.prom.
22 no.11:60-61 N '62. (MIRA 15:11)

1. Sotrudniki Nauchno-issledovatel' skogo instituta organicheskikh
poluproduktov i krasiteley (NIIOPK).
(Dyes and dyeing—Silk)

Pozdnyakova, A. A.

Distr: 4Elj3

Forced drop electrode applications. T. V. Arf'eva and
A. A. Pozdnyakova. *Sbornik Nauch. Trudov Gosplan.*
Nauch.-Issledovatel. Inst. Trestykh Medel. 1955, No. 10,
338-44; *Referat. Zhur., Khim.* 1956, Abstr. No. 25921.
The ratio of wave diffusion currents (i_d) taken with ordinary
electrode (OE) and with a forced drop electrode (FDE) is
 i_d^{FDE}/i_d^{OE} , where t is the drop time interval of OE and t_1 the
interval of FDE. The i_d of FDE at $t_1 = 0.2-0.25$ sec. is
proportional to the Pb concn. with a background of 3N,
and Cd with a background of 0.1N HCl. The proportional-
ity is disrupted by Ge and Pb concn. <5 mg./l., probably
because of the effect of the large residual current at such
low concns. FDE does not offer any advantages over OE
when detg. small amts. of metals, but has great practical
importance for detn. of electroneg. metals in the presence of
large amts. of more electropos. metals. A method is de-
veloped for detn. of nonferrous metals in ores and the prod-
ucts of their treatment (Cu concentrates, Cd sponge, CdS,
Ni electrolytes, metallic Cd.), i.e. Zn, Ni, Cd in the presence
of large amts. of Cu; Zn and Ni in the presence of excess Cd;
Zn in the presence of excess Ni. To 1 g. of finely ground
material, or an aliquot of the electrolyte, is added 25 ml.
dild. HCl (2:1) and the soln. boiled 20-25 min. For detn.
of Ni, the sample is decamped. with a mixture of HCl,
HNO₃, and H₂SO₄, and heated until SO₂ fumes appear.
Ten drops of 5% H₂O₂ are added and the boiling continued
for 3-5 min. The soln. is cooled and an excess of 10 ml.
NH₄OH is added to ppt. Fe(OH)₃. This is dild. to 100 ml.
and stirred. To ~20 ml. of the soln., 0.5-0.7 g. Na₂SO₄ and
5 drops of 1% carpenter's glue are added and the soln.
is fixed by adjusting the clearance between the capillary
and the vane. N. Vasileff

POZDNYAKOVA, A.A.

AREP: YEVA, T.V. ; POZDNYAKOVA, A.A.; PATS, R.G.

Polarographic determination of rhenium in solutions. Shor.nauch.
trud.GINTSVETMET no.12:94-98 '56. (MLRA 10:2)
(Rhenium) (Polarography)

POZDNYAKOVA, A. A.

10-4 Polarographic determination of cerium in solutions. V. V. Arslanova, A. A. Pozdnyakova and R. L. Feld. Zh. Nauch. Teoryi Gov. Nauch. Teoryi Gov. 1956, 12, 24-28. Ref. Zhur. Khim. 1957, Abstr. No. 15,796. Polarography of Ce with a basal soln. of 4 N HCl and 4 N HClO₄ in the presence of 0.005% gelatin gives well-defined waves at 0.25 to 0.30 and -0.4 V, the heights of which are directly proportional to the concn. of Ce. 1-5 mg of Ce per litre. Polarography with a basal soln. of 10% H₂SO₄ gives a well-defined wave at -0.3 V for 1-2 mg per litre and with a basal soln. of 10% H₂SO₄ and 10% H₂O₂ a well-defined wave at -1.45 V for 1-2 mg of Ce. 1-2 mg per litre, the wave height being proportional to the concn. in each case. The presence of a 10-fold quantity of Mn and a 1-fold quantity of Cu does not cause interference. There is interference from Ca in the determination of small quantities of Ce (5 to 10 mg per litre) with a basal soln. of 4 N HCl and 4 N HClO₄, if its concn. in the soln. is 0.1 to 2 mg per litre. G. D. Kozlov.

MT

Pozdnyakova, H. A.

Polarographic determination of thallium and lead in metallic cadmium. T. V. Aref'eva, R. G. Patz, and A. A. Pozdnyakova. *Sbornik Nauch. Trudov Gosudarst. Nauch.-Issledovatel. Inst. Tsvetnykh Metal* 1955, No. 10, 358-62; *Referat. Zhur., Khim.*, 1956, Abstr. No. 7099. — A method for detn. of Tl and Pb in one sample of metallic Cd is developed. For sepn. of the Tl from the basic mass of Cd and admixts. preventing the Tl detn., the Tl is extd. with H_2O ; Pb remains completely in the H_2O solu. Tl is detd. in a supporting electrolyte of ammoniacal $(NH_4)_2SO_4$ and Pb in a supporting electrolyte of 3N HCl. The reduction potentials: Tl-0.40 v., Pb-0.44 v. Comparative results for detn. of Tl and Pb in metallic Cd by polarographic and chem. methods are given. N. Vasileff

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4E32
4E2C

11

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POZDNYAKOVA, A. A.

4287. A new method for the determination of zinc in cadmium. M. I. Troitskaya, E. G. Sazonov, A. M. Poddubnaya. *Soviet Radio, Transl. Germanicheskii Inst. Khim., Moscow, 1955, 116p, 416, 1954, Ref. Zhur., Khim., 1955, Abstr. No. 4139.*—The method is based on the extraction of Zn as thiocyanate by ether from the main bulk of Cd, and polarography of the Zn with a dropping-mercury electrode. The method allows 0.001 to 0.1 per cent. of Zn in Cd to be determined with satisfactory accuracy, and is quicker than other methods, with the exception of the spectrophotometric method. C. D. Koskin

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POZDNYAKOVA, A.A.

✓ 3302. Polarographic determination of thallium and lead in cadmium. T. V. Arofova, R. G. Pats and A. A. Pozdnyakova. *Sbornik Nauch. Trudy, Gos. Nauch. Inst. Tsvet. Met.*, 1955, (10), 358-362; *Ref. Zhur., Khim.*, 1956, Abstr. No. 7699.—Thallium and lead are determined in metallic Cd from a single weighing. Thallium is separated by extracting the bromide with ether and is determined polarographically in aq. $\text{NH}_4 - (\text{NH}_4)_2\text{SO}_4$ soln. Lead remains entirely in the aq. phase and is determined in 3 N HCl. The reducing potentials are—Tl, — 0.40 V, Pb, — 0.44 V, vs. the S.C.E. R. LORU

Chem 3
PM JEL

VASIL'YEVA, L.N.; POZDNYAKOVA, A.A.

Determining molybdenum in certain products of nonferrous
metallurgy with the use of a direct current polarograph.
Sbor. nauch. trud. Gintsvetmeta no.23:244-347 '65.
(MIRA 18:12)

POZDNYAKOVA, A.B.

Simplification of the construction of supplementary poles of
electric locomotive motors. Elek.i tepl.tiaga 3 no.9:25-26
S '59. (MIRA 13:2)

1. Starshiy inzhener issledovatel'skogo otdela spetsial'nogo
konstruktorskogo byuro Tbilisskogo elektrovostroitel'nogo
zavoda, Tbilisi.
(Electric locomotives) (Electric motors)

POZDNYAKOVA, A.I., kandidat meditsinskikh nauk.

Changes in the parodontium of displaced teeth in experimental use
of orthodontic apparatus. Stomatologiya no.2:48-52 Mr=Ap '54,
(MLRA 7:4)

1. Iz kafedry ortopedicheskoy stomatologii (zaveduyushchiy - professor
A.I.Betel'man) i kafedry patologicheskoy anatomii (zaveduyushchiy -
professor I.M.Peysakhovich) Kiyevskogo meditsinskogo stomatologicheskogo
instituta (direktor - professor A.K.Gorchakov).
(Teeth--Abnormities and deformities)

POZDNYAKOVA, A.I. (Kiyev); BATYUSHCHENKO, M.G. (Kiyev)

Clinical aspects and treatment of anomalies in the position
of the upper jaw canine teeth. Probl.stom. 6:238-243 '62.
(MIRA 16:3)

(TEETH—ANOMALIES AND DEFORMITIES)

POZDNYAKOVA, A.I., kandidat meditsinskikh nauk (Kiyev)

Effect of early extraction of deciduous teeth on the formation
of permanent occlusion. Probl. stom. 3:371-375 '56 (MLRA 10:5)
(TEETH--EXTRACTION) (TEETH--ABNORMITIES AND DEFORMITIES)

POZDNYAKOVA, A.I.

Retention of milk teeth and anomalous position of permanent teeth.
Probl. stom. 5:315-321 '60. (MIRA 15:2)

1. Kiyevskiy meditsinskiy institut.
(TEETH ABNORMALITIES AND DEFORMITIES)

POZDNYAKOVA, A.I.

Change in the alkaline phosphatase level in the blood under the influence of vitamin B₁₂ and choline in liver cirrhosis. Trudy LSGMI no.69:146-152 '61. (MIRA 15:11)

1. Kafedra propedevtiki vnutrennikh zabolevaniy Leningradskogo sanitarno-gigiyenicheskogo meditsinskogo instituta (zav. kafedroy chlen-korrespondent AMN SSSR prof. S.M.Ryss). (LIVER--CIRRHOSIS) (CHOLINE) (CYANOCOBALAMINE) (PHOSPHATASES)

POZDNYAKOVA, A. I.

ZLOTNIK, I.L.,dotsent; POZDNYAKOVA, A.I.,dotsent

Indications for the use of dental prosthesis. Stomatologiya 35
no.6:53-57 N-D '56 (MLRA 10:4)

1. Iz travmatologicheskogo otdeleniya Rudnichnogo ob"yedineniya g.
Makeyevki (glavnyy vrach N.I. Shvets) i iz kafedry ortopedicheskoy
stomatologii (zav.-prof. V.Yu. Kurlyandskiy) Moskovskogo meditsinskogo
stomatologicheskogo instituta (dir.-dotsent G.N. Beletskiy)
(DENTAL PROSTHESIS)

BETEL'MAN, Abram Isaakovich; POZDNYAKOVA, Antonina Illarionovna;
MUKHINA, Anastasiya Denisovna; ALEKSANDROVA, Yuliya
Mikhaylovna; GINZBURG, I.S., red.

[Pediatric orthopedic stomatology] Ortopedicheskaya stoma-
tologiya detskogo vozrasta. Kiev, Zdorov'ia, 1965. 406 p.
(MIRA 18:9)

31557
S/081/61/000/022/037/076
B110/B101

27 2400 2220

AUTHORS: Breger, A. Kh., Gurvits, S. S., Pozdnyakova, L. A., Chistov, Ye. D.

TITLE: Experimental study of protection when using radiation-chemical units with powerful γ -radiation sources

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 22, 1961, 270, abstract 221308 (Sb. "Radioakt. izotopy i yadern. izlucheniya v nar. kh-ve SSSR. v. I". M. Gostoptekhnizdat, 1961, 241 - 243)

TEXT: On the basis of experimental results obtained in tests of the α -20000 (K-20,000) and H-16000 (N-16,000) units the field distribution of dose rates in the mazes of these units was given. The energy of scattered γ -radiation was estimated by the method of radiation absorption by lead filters. 80% of scattered radiation was found to consist of the soft component with an energy of 0.1 - 0.2 Mev. In the radiation maze, the energy of scattered radiation changes but slightly after the first turn. [Abstracter's note: complete translation.] X

Card 1/1

14

Coagulation of water with aluminum sulfate and sodium silicate. C. I. Pozdnyakova. *Vodopriborosteni i Sanit. Tekh.* 15, No. 5, 30-4 (1940).—Addn. of Na silicate to the water, acidified with HCl to pH 6.8-7.2, gives the best results. The amt. of $Al_2(SO_4)_3$ required for coagulation is decreased by addn. of Na silicate. B. Gutoff

REMARKS: [illegible]

WATERWAY NOTE

ASME SLA METALLURGICAL LITERATURE CLASSIFICATION

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POZDNYAKOVA, G.S., inzh.; GORYAYNOV, K.E., doktor tekhn. nauk

Ashes from a heat and electric power plant and mineral wool
from them. Sbor. trud. ROSNIIMS no.27:60-72 '63. (MIRA 17:1)

GORYAYNOV, K.E., doktor tekhn.nauk, prof.; POZDNYAKOVA, G.S., inzh.

Obtaining slag wool from thermal electric plant ashes by electro-
smelting. Stroi.mat. 9 no.3:10-12 Mr '63. (MIRA 16:4)
(Mineral wool) (Ash (Technology))

PROSKURYANOV, Yu.G., kand. tekhn. nauk, dotsent; POLOVININ, I.V., inzh.

Wear resistance of burnished hole surfaces. Izv. vya. issled.
zav.; mashinostr. no.11:168-176 '63. (MIRA 17:10)

1. Chelyabinskiy politekhnicheskii institut.

PROSKURYAKOV, Yu.G., kand.tekhn.nauk; POZDNYAKOVA, I.V., inzh.

Increasing the wear resistance of surfaces by burnishing. Vest.
mashinostr. 43 no.9:52-56 S '63. (MIRA 16:10)

POZDNYAKOVA, L. A.
 AUTHOR: Panovko, V. M., Engineer
 TITLE: All-Union Conference on the hardfacing of dies for hot and cold press-forming

PERIODICAL: Svarochnoye proizvodstvo, no. 3, 1963, 44 - 45

TEXT: The First All-Union Scientific-Technical Conference on hardfacing of dies was held at Volgograd from November 27 - 29, 1962. The Conference heard the following reports: N. T. Prosvirov (VNIPTMASH) on "Operational conditions and the type of forging dies"; L. A. Pozdnyakova (ENIKMASH) on "Problems of the durability of dies and press-forming steels"; V. A. Popov, ENIKMASH, on some structural peculiarities of carbide tools for cold extrusion and upsetting; I. I. Frumin, B. V. Danil'chenko (Institute of Electric Welding imeni Ye. O. Paton) on "Electric-slag hardfacing of some dies"; L. Kolomiets (IEG imeni Ye. O. Paton) on "Reconditioning of dies by electric-slag hardfacing"; V. A. Timchenko (IEG imeni Ye. O. Paton) on "A machine with program control for automatic hardfacing of forging dies"; Reports on manual arc-hardfacing of dies were delivered by N. V. Popov (Volgograd Tractor Plant), V. M. Panovko and Ye. G. Bloshkin (Moscow Experimental Welding Plant); O. D. Superko (Chelyabinsk Tractor Plant), N. I. Nikolko (Ural Heavy Machinebuilding Plant), P. M. Sapov ("Rostsel-mash"), N. I. Kuzovkova (GAZ), Yu. P. Zaytsev (ENIKMASH), V. I. Il'in (ZIL), Gopovin (Khar'kov "Svet shakhtera" Plant), and others. In a decision the Conference mentioned deficiencies connected with the subject, i.e. lack of unified electrodes; of centralized production; of unified technological instructions on the hardfacing of dies; of methods for evaluating the quality of hardfaced metal, and lack of high-quality electrodes for hardfacing cast-iron dies. The Conference decided to take steps in order to eliminate the aforementioned deficiencies.

POZDNYAKOVA, L.Ye.

Temperature balance and chemical water composition in fish
hatcheries of Murmansk Province. Trudy MMBI no.9:18-25 '65.
(MIRA 18:12)

GOLOVKIN, A.N.; POZDNYAKOVA, L.Ye.

Influence of colonial sea birds on the balance of biogenic
elements in the coastal waters of Eastern Murman. Trudy VNI
no.6:88-98 '64. (MIRA 17:11)

1. Laboratoriya gidrologii i gidrokhimii Murmanskogo morskogo
biologicheskogo instituta.

GALKINA, L.A.; POZDNYAKOVA, L.Ye.; TSEYEB, T.Ya. [deceased]

Kanda Bay and its inhabitants. Okeanologiya 3 no.5:892-906 '63.
(MIRA 16:11)

1. Murmanskoy morskoy biologicheskoy institut AN SSSR.

*

TSIULIN, Vladimir Andreyevich; POZDNEYEV, M.L., red.; USENKO, A.L.,
red.izd-va; AKOFOVA, V.M., tekhn. red.

[Reference book on internal combustion engines for a mechanic
in lumber floating] Posobie po dvigateliam vnutrennego sgora-
niia mekhaniku lesosplava. Moskva, Goslesbumizdat, 1963.
160 p. (MIRA 17:3)

USSR / Zooparasitology. General Problems.

G-1

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90996

Author : Pozdnyakova (Vikhrova), M. N.
Inst : The All-Union Scientific Research Institute for
the Lake and River Fishing Industry
Title : Parasites of Fish of Lakes Pestovo and Bel'ye
(Novgorodskaya Oblast)

Orig Pub: Izv. Vses. n.-i. in-ta oz. i rechn. rybn. kh-va,
1957, 42, 335-336

Abstract: Both lakes yielded 143 fish which were dissected
in 1948. In Lake Pestovo 41 species of para-
sites were recorded, in Lake Bel'ye there were
22. The most prevalent and dangerous species
were *Diplostomulum spathaceum*, *D. clavatum*,
Ligula, *Triaenophorus nodulosus* and *Ergasilus*

Card 1/4

5

USSR / Zooparasitology. General Problems.

G-1

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90996

Abstract: sieboldi. Larvae of the broad tapeworm were
detected in perch.

Card 2/2

USSR / Zooparasitology. General Problems.

G-1

Abs Jour: Ref Zhur-Biol., No 20, 1958, 90997

Author : Petrushevskiy, G. K., ~~Pozdnyakova~~ (Vikhrova),
M. N., Shul'man, S. S.

Inst : The All-Union Scientific Research Institute for
the Lake and River Fishing Industry

Title : Fish Parasites of Braslav Lakes in Byelorussia

Orig Pub: Izv. Vses. n.-l. in-ta oz. i rechn. rybn. kh-va,
1957, 42, 337-338

Abstract: The list of parasites includes 65 species from
19 species of fish (194 specimens) from Lake
Dravya, which were investigated in the summer
of 1948. The strongest infection, which can
have eozootic significance, was recorded for
Diplostomulum spathaceum, *D. clavatum* and
Ergasilus sieboldi.

Card 1/1

6

KASPAR'YANTS, S.A., aspirant, doktor tekhn. nauk; SHESTAKOVA, I.S., prof.;
POZDNYAKOVA, N.G., inzh.

Effect of the unhairing methods on the properties of the products
of the solute of sheepskin derma. Nauch. trudy MTILP no.30:3-9 '64.
(MIRA 18:6)

1. Kafedra tekhnologii kozhi i mskha Moskovskogo tekhnologicheskogo
instituta legkoy promyshlennosti.

SHAPOVALENKO, S.G.; SAFONOVA, I.N.; POZDNYAKOVA, N.I., redaktor; MIRONTOSEVA,
M.I., tekhnicheskiy redaktor

[Current control of students' progress in chemistry; a method outline]
Tekushchaia proverka uspevaemosti uchashchikhsia po khimii; metodiche-
skoe pis'mo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva pro-
sveshcheniia RSFSR, 1954. 33 p. (MLRA 8:3)

1. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye shkol. 2.
Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Shapo-
valenko) 3. Starshiy nauchnyy sotrudnik laboratorii metodiki khimii
Insituta metodov obucheniya Akademii pedagogicheskikh nauk RSFSR (for
Safonova)
(Chemistry--Study and teaching)

SHELINSKIY, Georgiy Ivanovich, uchitel' khimii (Leningrad); POZDNYAKOVA,
N.I., redaktor; RYBIN, I.V., tekhnicheskii redaktor

[Problems and exercises for the study of organic chemistry] Zadachi-
uprazhneniia pri izuchenii organicheskoi khimii. Moskva, Gos.
uchebno-pedagog. izd-vo Ministerstva prosveshchen'ia RSFSR, 1954.
38 p. (MLRA 8:6)

(Chemistry, Organic--Problems, exercises, etc.)

GLORIOZOV, P.A.; POZDNYAKOVA, N.I., redaktor; DZHATIYEV, S.G., tekhnicheskii redaktor.

[The chemistry lesson for elementary and secondary schools: a letter on methods] Urok po khimii v semiletnei i srednei shkole; metodicheskoe pis'mo. Moskva, Gos.uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR, 1954. 55 p. (MIRA 8:5)

1. Chlen-korrespondent Akademii pedagogicheskikh nauk RSFSR (for Gloriov). 2. Russia (1917- R.S.F.S.R.) Glavnoye upravleniye shkol. (Chemistry—Study and teaching)

POZDNYAKOVA, N. I.

Pozdnyakova, N. I.

"Investigation of the Dissolution of Steel in Organic Acids." Moscow State Pedagogical Institute V. I. Lenin. Moscow, 1955. (Dissertation for the Degree of Candidate in Chemical Science)

So: Knizhnaya letopis', No. 27, 2 July 1955

SLAVIN, David Osipovich; POZDNYAKOVA, N.I., redaktor; MAKHOVA, N.N.,
tekhnicheskiiy redaktor

[Fundamentals of iron industries; manual for teachers] Osnovy
metallurgicheskogo proizvodstva; posobie dlia uchitelei. Moskva,
Gos. uchebno-pedagog. izd-vo Ministerstva prosveshchenia RSFSR,
1955. 104 p. (MIRA 8:7)
(Iron industries)

UGRYUMOV, Pavel Grigor'yevich; POZDNYAKOVA, N.I., redaktor; KLEBANSKIY, A.L.,
redaktor; RYBIN, I.V., ~~tekhnicheskii~~ redaktor.

[Organic synthesis in industry; a manual for teachers] Organicheski
sintez v promyshlennosti; posobie dlia uchitelei. Pod obshchei red.
A.L.Klebanskogo. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva
prosveshchenia RSFSR, 1955. 286 p. (MLRA 8:5)
(Chemistry, Organic—Synthesis)

POZDNYAKOVA, N.I.

BALEZIN, Stepan Afanas'yevich; POZDNYAKOVA, N.I., redaktor; SAVEL'YEVA,
R.N., redaktor; SAKHAROVA, N.V., tekhnicheskij redaktor; SMIRNOVA,
M.I., tekhnicheskij redaktor

[Way and how do metals desintegrate; corrosion of metals and its
control] Otchego i kak razrushaiutsia metally; korrozia metallov
i bol'ba s nei. Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv.
BSFSR, 1956. 147 p. (MIRA 10:6)
(Corrosion and anticorrosives)

AGAFOSHIN, Nikolay Petrovich; POZDNYAKOVA, N.I., redaktor; DZHATIYEV, S.G.,
tekhnicheskiiy redaktor

[Selected chapters in general chemistry; principles of the structure
of matter] Izbrannye glavy obshchei khimii; osnovy stroeniia veshche-
stva. Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshche-
niia RSFSR, 1956. 333 p. (MIRA 9:8)
(Chemistry, Physical and technical)

BESKOV, Sergey Dmitriyevich; SLIZKOVSKAYA, Ol'ga Aleksandrovna; POZDNYAKOVA,
N.I., redaktor; KOZLOVSKAYA, M.D., tekhnicheskii redaktor

[Analytical chemistry; qualitative and quantitative analysis]
Analiticheskaya khimiya; kachestvennyi i kolichestvennyi analiz.
Moskva, Gos. uchebno-pedagog. izd-vo Ministerstva prosveshcheniya
RSFSR, 1956. 589 p. (MLRA 9:11)
(Chemistry, Analytical)

S/081/61/000/021/034/094
B101/B147

AUTHORS: Balezin, S. A., Pozdnyakova, N. I.

TITLE: Study of the dissolution of steel in organic acids

PERIODICAL: Referativnyy zhurnal. Khimiya, no. 21, 1961, 254,
abstract 21I112 (Uch. zap. Mosk. gos. ped. in-ta im.
V. I. Lenina, no. 4, 1960, 5 - 12)

TEXT: A study of the dissolution of steel 20, particularly in HCOOH, led to the following conclusions: 1) The corrosion of steel in HCOOH proceeds by the same principle as in H_2SO_4 and HCl, i. e., in the electrochemical and chemical way. 2) The rate of corrosion (RC) of steel rises continuously with increasing HCOOH concentration. 3) The aldehyde added to HCOOH reduces the RC of steel. 4) The change in the electrical conductivity of HCOOH at medium concentrations (1 - 10 N) corresponds to the change in RC. At concentrations above 10 N HCOOH, the RC rises while the conductivity drops. [Abstracter's note: Complete translation.]

Card 1/1

GOL'DFARB, Yakov Lazarevich, prof.; SMORGONSKIY, Leonid Mikhaylovich,
prof. [deceased]; POZDNYAKOVA, N.I., red.; MAKHOVA, N.N., tekhn.red.

[Problems and exercises in chemistry for secondary schools]
Zadachi i uprazhneniia po khimii dlia srednei shkoly. Izd.18.,
perer. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.RSFSR,
1957. 142 p. (MIRA 12:4)
(Chemistry--Problems, exercises, etc.)

POZDNYAKOVA, N.I.

KORZHEV, Pavel Petrovich, pri uchastii K.Ya.Parmenova, S.D.Davydova,
Ya.L.Gol'dfarba, A.B.Neydinga; POZDNYAKOVA, N.I., red.; SMIRNOV,
G.I., tekhn.red.

[Chemistry manual for teachers of secondary schools] Spravochnik
po khimii dlia uchitelei srednei shkoly. Izd. 4-oe, ispr. i dop.
Moskva, Gos. uchebno-pedagog. izd-vo M-va prosv. RSFSR, 1958.
423 p. (MIRA 11:5)

(Chemistry--Laboratory manuals)

POZ DNYAKOVA, N.I.

RESHETNIKOV, Aleksandr Vasil'yevich; POZDNYAKOVA, N.I., red.; MAKHOVA,
N.N., tekhn.red.

[A collection of questions and problems in chemistry for
secondary schools] Sbornik voprosov i zadach po khimii dlia
srednei shkoly. Moskva, Gos.uchebno-pedagog.izd-vo M-va prosv.,
1957. 142 p. (MIRA 11:1)

(Chemistry--Problems, exercises, etc.)

PAVLOV, A.N., otv. za vypusk; VOLODICHEVA, V.N.; IVANOVA, A.I.; KULAKOV, I.N.; LYAMINA, T.N.; MIT'KINA, L.I.; POZDNYAKOVA, N.P.; RODIONOVA, L.I.; ROMANOVA, N.M.; SOFIYEV, E.S.; CHICHKINA, A.A.; TRESORUKOVA, Z.G.; BOGATYREV, P.P.; BROVKINA, A.I.; IVANOVA, L.D.; IVASHKIN, G.A.; KAMNEV, N.I.; LYSANOVA, L.A.; OZHEREL'YEVA, Z.I.; PAVLOVA, T.I.; TYUTYUNOVA, N.I.; UMNITSYNA, A.P.; ZHIVILIN, N.N.; ALESHICHEV, M.P.; VINOGRADOV, V.I.; YEREMIN, F.S.; KRAVCHENKO, Ye.P.; LOVACHEVA, M.V.; NIKOL'SKAYA, V.S.; MAKHOV, G.I.; SKEGINA, A.V.; TAREYEV, A.V.; KHOLINA, A.V.; BRYANSKIY, A.M.; BURMISTROVA, V.D.; GRIGOR'YEVA, A.M.; LUTSENKO, A.I.; OREKHOVA, Z.V.; TEPLINSKAYA, N.V.; PEKTIISTOVA, V.I.; BUTORIN, I.M.; BOCHKAREVA, L.D.; BURENINA, V.A.; VETUSHKO, A.M.; VIKHLYAYEV, A.A.; SOROKIN, B.S.; TSYBENKO, L.T.; KHLEBNIKOV, V.N.; DUMNOV, D.I.; STEPANOVA, V.A.; MANYAKIN, V.I., red.; VAKHATOV, A.M.; MAKAROVA, O.K., red.izd-va; PYATAKOVA, N.D., tekhn.red.

[Soviet agriculture; a statistical manual] Sel'skoe khoziaistvo SSSR; statisticheskii sbornik. Moskva, 1960. 665 p.

(MIRA 13:5)

1. Russia (1923- U.S.S.R.) TSentral'noye statisticheskoye upravleniye. 2. Upravleniye statistiki sel'skogo khozyaystva TSentral'nogo statisticheskogo upravleniya SSSR (for all except Makarova, Pyatakova).

(Agriculture--Statistics)

1. VINTAIKIN, Z. P.; POEDNYAKOVA, N. P.

2. USSR (600)

4. Potatoes

7. Effectiveness of machine work in growing potatoes, Sad i og. No. 1, 1953.

9. Monthly List of Russian Accessions, Library of Congress, May 1953. Unclassified.

VENTAYEN, Y.P., POZDNYAKOVA, N.I.

Potatoes

Organization of work in the "square-nest" planting of potatoes. Sad 1 op., no. 3, 1952.

MONTHLY LIST OF RUSSIAN ACQUISITIONS, LIBRARY OF CONGRESS, JUNE 1952. UNCLASSIFIED.

PAVLYGINA, R.A.; POZDNYAKOVA, R.A.

Creation of a dominance focus in the motor analyzer with a
pulsating constant current. Trudy Inst. vys. nerv. deiat.
Ser. fiziol. 5:49-57 '60. (MIRA 13:10)

1. Iz Laboratorii obshchey fiziologii (zav. - V.S. Rusinov)
instituta vysshey nervnoy deyatel'nosti.
(CEREBRAL CORTEX) (ELECTROPHYSIOLOGY)
(LIGHT—PHYSIOLOGICAL EFFECT) (SOUND—PHYSIOLOGICAL EFFECT)

POZDNYAKOVA, R. P., vrach

Dispensary care of children with anomalies of refraction and with
concomitant strabismus in the consolidated hospital. Oft. zhur.
no.2:100-106 '62. (MIRA 15:4)

1. Iz Simferopol'skoy detskoy bol'nitsy No. 2.

(EYE--ACCOMODATION AND REFRACTION (STRABISMUS)

POZDNYAKOVA, R.Z.

Effect of high-mountain conditions on the gas composition, pH and
alkali reserves of the blood. Izv. AN Kir. SSR. Ser. biol. nauk
3 no.2:63-66 '61. (MIRA 14:12)

(ALTITUDE, INFLUENCE OF)
(BLOOD ANALYSIS AND CHEMISTRY)

40665

S/238/62/008/003/001/008

1015/1215

17.2151

AUTHOR: Pozdnyakova, R. Z.

TITLE: The effect of hypoxia on interoceptive reflexes

PERIODICAL: Fiziologichnyy zhurnal, v. 8, no. 3, 1962, 332-338

TEXT: The previously untried method used in this experiment consisted of attaining hypoxia of the extremity of a dog by completely depriving that part of its blood supply. The experiments were performed on 20 dogs under thiopental anaesthesia. The interoceptives were stimulated with 0.001-1.0% lactic acid solution. 2 ml of which were introduced into one of the femoral arteries. The reflex response to lactic acid was recorded at normal and ischemic conditions (after occlusion of the femoral artery). In order to demonstrate that the reaction to lactic acid was reflexory in nature, a second series of experiments was performed in which the method of crossed circulation was employed. The extremity of the recipient-dog received its blood supply from a donor-dog and the blood reflux after its utilization by the isolated extremity was directed back to the donor. A mild hypoxia resulted in an increase in the interoceptive reflexes, whereas a very marked hypoxia brought about a depression in the interoceptive reaction. There are 6 figures.

ASSOCIATION: Laboratoriya fiziologii i patofiziologii vysokohir'ya Institutu krayovoi meditsyny Aka-

Card 1/2

The effect of hypoxia on...

S/238/62/003/001/008
1015/1215

demii nauk Kyrhyz'koi RSR (Laboratory of Alpine Physiology and Pathophysiology,
Institute of Regional Medicine, Academy of Science KirSSR) Frunze; Laboratoriya
porivnyal'noi i vikovoi fiziologii Institutu fiziologii im. O. O. Bohomoletsya Akademii
nauk URSR (Laboratory of Comparative and Aging Physiology, Institute of Physiology
im. O. O. Bohomolets, AS UkrSSR) Kiev

SUBMITTED: June 22, 1961

Card 2/2

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Rapid methods for the determination of sulfates in technical products and for
fertilizers. M. I. UCHENKOV AND S. I. POZDNYAKOVA. *J. Chem. Ind. (Moscow)*
No. 13, 42-4 (1961). The benzidine method is suitable if not more than 0.04 g. of
Fe₂O₃ is present but NH₄OH/HCl should be added to reduce Fe³⁺. The method of
Strehinger and Zombary (C. I. 24, 560) is preferred. H. M. L. H. S. S.

BC

ABSTRACT: determination of phosphorus in phosphate (Krivtsov). M. L. GUMILEVICH and A. I. FOMIN (Udsk. Ural, 1981, 3, 283-288). Volumetric methods are compared. In Fomina's method a large excess of alkali must not be used in the dissolution of the NH_4 phosphomolybdate, and the ppt. must not be washed extensively with KNO_3 . In Kottov's oxalate method the error is 3-3%.

CHEMICAL ABSTRACTS.

ASB-5LA METALLURGICAL LITERATURE CLASSIFICATION

FROM SYMBOLS

COLLECTIONS

FROM SYMBOLS

CA 7

PRECEDENTS AND PROPERTIES

The bromine method for the determination of nitrogen in technical products and in fertilizers. M. I. Chapeleva, K. I. S. I. Pordnyakova and R. D. Eam. *Tram. Na Inst. Fertilizers* (Moscow) No 92, 168-70 (1962). In detg. N present as NH_4 salt by the Br_2 method, as outlined by L. (preceding abstract), the pH of the medium is important. The most satisfactory reaction is in the pH interval of 7.5 to 9.5. The authors suggest the use of buffer phosphate solns. in place of the NaHCO_3 used by Levi. In the presence of Fe^{3+} some of the NH_4 may be oxidized to NO_2^- . By adding PO_4^{3-} the Fe^{3+} effect is eliminated.

L. S. Jolly

ASB 55.4 METALLURGICAL LITERATURE CLASSIFICATION

POZDNYAKOV., S.P.

Hysterical reactions in schizophrenia and their dynamics in
connection with the treatment. Probl. sud. psikh. no.13:
208-220 '62. (MIRA 18:9)

POZDNYAKOVA, S. P.

"Conditioned Reflex Reactions to the Administration of Insulin in Schizophrenic Patients." Cand Med Sci, First Moscow Order of Lenin Medical Inst, Moscow, 1955.
(KL, No. 17, Apr 55)

SO: Sum. No. 704, 2 Nov 55 - Survey of Scientific and Technical Dissertations
Defended at USSR Higher Educational Institutions (16).

POZDNYAKOVA, T.A.

~~Poultry equipment.~~ Ptitsevodstvo 8 no.8:46-47 Ag '58.
(MIRA 11:10)

(Poultry houses and equipment)

POZDNYAKOVA, T.A.

Pigeons from the André expedition. Ptitssevostvo 8 no.11:
45-46 N '58. (MIRA 11:11)
(Arctic regions--Homing pigeons)

POZDNYAKOVA, T.A.
POZDNYAKOVA, T.A., zootekhnik.

Some suggestions on the feeding of young fowl for beginners in
poultry farming. Ptitssevodstvo 8 no.2:44-46 P '58. (MIRA 11:1)
(Poultry--Feeding and feeding stuffs)

ANDRIANOV, S.M.; BARYUTIN, B.S.; BEZHETSKIY, M.I.; BOGDANOV, M.N.;
GOLOVANDOV, S.V.; IOFE, H.S.; KAPLAN, N.M.; KIRYEV, A.V.;
KOLOBOV, G.M.; KOROLEVA, M.A.; KURIN, A.I.; MINAYEV, M.S.;
POZIN'YAKOVA, T.A.; PROKOPOVICH, V.M.; SOLOV'YEV, S.N.;
TRET'YAKOV, N.P.; CHEKOV, A.M.; FILIMONOV, N.D.

Petr Fedorovich Lel'kov; obituary. Ptitsevodstvo 9 no.8:48
Ag '59. (MIRA 12:12)
(Lel'kov, Petr Fedorovich, 1905?--1959)

POZDNYAKOVA, T.A.

From wild mallard to tame duck. Ptitssevodstvo 9 no.1:43-46
Ja '59. (MIRA 12:1)

(Ducks)

POZDNYAKOVA, T. D.

Heat of wetting of Al_2O_3 , Fe_2O_3 , MgO and SiO_2 gels.
T. D. Pozdnyakova. *Sci. Rept. Leningrad State Univ.*
2, No. 2, 103-20 (1961). --The heat of wetting of the gels
by H_2O , $EtOH$ or C_6H_6 is a max. when the structural H_2O
content of the gels is greatest and hence varies according
to the heat of activation. H. C. A.

ASB-31A METALLURGICAL LITERATURE CLASSIFICATION

POZDNYAKOVA, T.D.

Gastric and duodenal ulcer perforation during roengenologic examination.
Vest.rent 1 rad. no.6:89-91 '53. (MLRA 7:1)

1. Iz polikliniki No.28 Frunzenskogo rayona Moskvy (glavnyi vrach
R.G.Michnikova).
(Peptic ulcer) (Diagnosis, Radiographic)

POZDNYAKOVA, T. D.; KUSHAKOVSKIY, L. N.

"Photocolorimetric determination of the content of arsenic and phosphorus in industrial waste liquors from metallurgical plants."

Gigiena i Sanit. 1955, No 4, 46-8.

An aliquot of the sample is analyzed for P by the phosphomolybdate method by using aminonaphtholsulfonic acid as the reducing agent; another aliquot is analyzed for the sum of As and P by using fresh SnCl_2 as the reducing agent. The results are accurate within 10-15% at the concn. of 0.01-0.03 mg./l.

Pharm. Inst. Dnepropetrovsk.